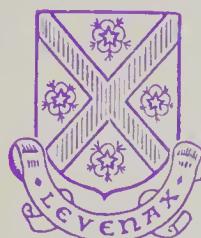


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COUNTY COUNCIL OF DUNBARTON



Annual Report on the Medical Inspection of School Children

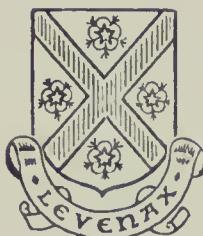
By SAMUEL HARVEY,
M.B., Ch.B., D.P.H., M.R.C.P.(Edin.)

*County Medical Officer and
Principal School Medical Officer*

1969-70

(Year ending 31st July, 1970)

COUNTY COUNCIL OF DUNBARTON



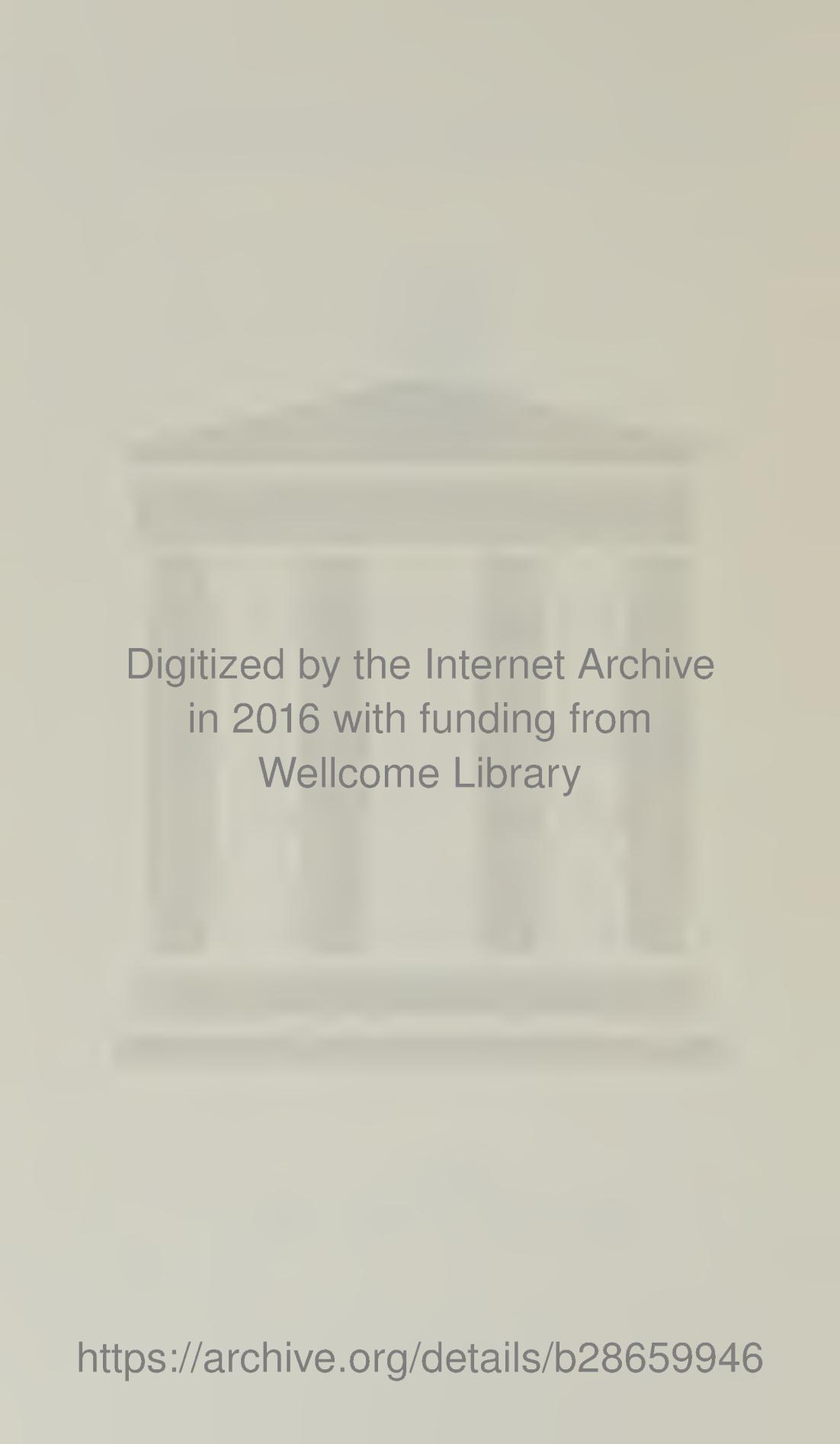
Annual Report
on the
Medical Inspection of
School Children

By SAMUEL HARVEY,
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*County Medical Officer and
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1969-70
(Year ending 31st July, 1970)

A faint, light-colored watermark of a classical building facade with four columns and a triangular pediment is visible in the background.

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*To the Secretary of State for Scotland and the County Council of the
County of Dunbarton*

LADIES AND GENTLEMEN,

I beg to submit the Annual Report on the Medical Inspection and Treatment of School Children for the year ended 31st July 1970.

I am, Ladies and Gentlemen,

Your obedient servant,

SAMUEL HARVEY,

County Medical Officer and

Principal School Medical Officer.

HEALTH AND WELFARE DEPARTMENT,

COUNTY COUNCIL OFFICES,

DUMBARTON.

COUNTY COUNCIL OF DUNBARTON

SCHOOL MEDICAL STAFF

Principal School Medical Officer

SAMUEL HARVEY, M.B., Ch.B., D.P.H., M.K.C.P.(Edin.)

Depute Principal School Medical Officer

IAIN MACLEOD, M.B., Ch.B., D.P.H.

Senior Medical Officer (Mental Health)

JAMES G. YOUNG, M.B., Ch.B., D.P.H.

School Medical Officers

CHARLES C. SLORACH, M.B., Ch.B., D.P.H. (Part-time)

Resigned 31.10.69

AGNES W. B. F. O'GORMAN, L.R.C.P., L.R.C.S.(Edin.),
L.R.F.P.S.(Glas.), D.P.H.

DAVID B. CAMPBELL, M.B., Ch.B., D.P.H. (Part-time)

JOHN T. CUNNINGHAM, M.B., Ch.B., D.P.H.

CELIA M. CAMERON, L.R.C.P.(E), L.R.C.S.(E), L.R.F.P. & S.C.,
D.P.H.

MARGARET M. P. JOLLY, M.B., Ch.B., D.C.H.

Commenced 29.9.69

Chief Dental Officer

SHEILA S. STEWART, L.D.S., F.R.P.S.(Glas.)

Dental Surgeons

MARY W. DINN, L.D.S.

ERIC W. H. HOUGHTON, B.D.S.

Resigned 30.6.70

DOUGLAS J. REID, B.D.S.

JAMES H. FERGUSON, L.D.S.

SUSANNE M. GRANGER, B.D.S.

JOHN MCFARLANE, B.D.S.

THOS. B. COLE, L.D.S.

ALAN MCLEAN, L.D.S., F.R.P.S.(G)

Commenced 22.9.69

Deceased 5.7.69

WM. NEILSON, L.D.S.

NORMA URQUHART, B.D.S.

Commenced 13.4.70

Senior Dental Technician

JAMES FYFE

Ophthalmic Surgeon

WM. WILSON, M.B., Ch.B., F.R.C.S.(Edin.), D.O.(Eng.)

Ear, Nose and Throat Specialist

W. GOUDIELOCK HOOD, M.B., Ch.B., F.R.F.P.S.

Anaesthetists

H. P. COOPER HARRISON, M.B., Ch.B.

WM. AULD, M.B., Ch.B., D.A., F.F.A.R.C.S.

ALEX. BOYD, M.B., Ch.B.

Physiotherapists

AGNES MCF. MALCOLM
ELIZABETH M. Y. MCNICOL
JEAN S. A. HOWATT
MARGARET S. BLAIR

Superintendent of Nurses

VIOLET M. BREMNER, R.G.N., S.C.M., Q.N., H.V.

Deputy Superintendent of Nurses

JANET RITCHIE, R.G.N., S.C.M., Q.N., H.V.

Nursing Staff

KATHERINE S. STEVENSON	HARRIET M. CAMERON
Resigned 15.11.69	CLARA B. ROY
Alice Gee	FRANCES CAMPBELL
*CHRISTINA S. L. KING	ESTHER ADAM
MARGARET CALLANDER	Commenced 16.4.70
Resigned 31.1.70	BARBARA CAFFEL
MARGARET G. MILLER	ELIZABETH T. CRAWFORD
MARY CALLAGHAN	CATHERINE DEMPSEY
CATHERINE M. SCOBIE	EMMA B. SMITH
*R. L. SHAW	M. MARTIN
DOROTHY FROUDE	MARGARET McLURE
*J. McLAFFERTY	DOREEN STOKER
AGNES CLYDESDALE	*JEAN ANDERSON
*MARGARET SMITH	JEAN HOWIESON
*SADIE LYTTLE	ELIZABETH JOHNSON
J. I. U. CONDIE	ANNIE J. SUTHERLAND
JEAN P. McHAFFIE	MARY MCK. MACLEOD
AGNES M. PATON	Commenced 16.9.69
	DIANA C. STEWART
	Commenced 1.11.69

*Employed solely on school medical duties.

Audiometrists

THERESA KEITH

MARJORY ALBISTON Resigned 29.8.69

Anne Laird

PATRICIA R. DOCHERTY Commenced 1.10.69 (Part-time)

FINLAYCE MURRAY Commenced 25.2.70

Orthopist

VALERIE GRAINGER Commenced 16.1.70

Dental Attendants

MARGARET SAMSON	KATHERINE STEVENSON
MARJORIE E. P. EWART	Commenced 1.5.70 (Part-time)
MARTHA W. KINLOCH	CATH. M. WALTON
MARGARET BOYLE	A. REDFERN
ELIZABETH B. CURRIE	MAIRI McLETCHIE
LORNA McARDLE	GLORIA STEWART
Commenced 29.4.68	

Orthopaedic Clinic Attendant

MARGARET C. BLACK

Hygiene Attendants

BARBARA STEPHENSON

MARION GRAY

Clerkesses

JANE H. MACLEOD

AGNES CHrichton

CHRISTINE ELLIOTT

REPORT

ON THE
MEDICAL INSPECTION AND TREATMENT OF SCHOOL
CHILDREN IN THE COUNTY OF DUNBARTON

NUMBER OF SCHOOLS

School Management Area—

Cumbernauld	..	..	..	..	..	..	15
Kirkintilloch	..	..	..	..	..	..	13
New Kilpatrick	..	..	..	..	..	..	12
Old Kilpatrick	..	..	..	..	..	..	21
Dumbarton	..	..	..	..	..	..	12
Vale of Leven	..	..	..	..	..	..	14
Helensburgh	..	..	..	..	..	..	10
							—
							97
							—

NUMBER OF CHILDREN ON REGISTER DURING SESSION 1969/70

<i>Area</i>	<i>Average number of pupils</i>
Helensburgh	3,616
Vale of Leven	4,502
Dumbarton	6,668
Old Kilpatrick	11,730
New Kilpatrick	5,306
Kirkintilloch	6,738
Cumbernauld	7,257
	45,817

NUMBER OF VISITS FOR SYSTEMATIC EXAMINATIONS

NOTE: One whole day spent in school counts as two visits (morning and afternoon sessions).

Number of visits as above 397

NUMBER OF SPECIAL VISITS BY MEDICAL OFFICERS

IMPROVEMENTS TO SCHOOLS

REPORT ON SANITARY IMPROVEMENTS TO SCHOOLS WITHIN THE
COUNTY FOR THE YEAR ENDING 31st JULY 1970

During the year 1969-70 one additional high school and three additional primary schools have been completed and occupied.

At St. Ninian's High School, Kirkintilloch a 45-classroom extension has been built for the raising of the school leaving age and a similar 43-classroom extension has been completed at St. Columba's Secondary School, Clydebank which includes a cafeteria dining hall. Both of these extensions have all the most up-to-date sanitary appliances which would normally be provided in a new school of similar size.

The old Kilcreggan Primary School has been replaced by a new school with modern inside toilets and ablutions, and also a dining room and kitchen with the most up-to-date equipment which replaces the old H.O.R.S.A. huttet meals premises. Elmwood School for the deaf in Dumbarton, which was also accommodated in old H.O.R.S.A. huts, has been replaced with new premises.

The old Notre Dame High School, now St. Michael's Primary, has had several improvements carried out including the demolition of the old servery and dining hall, and premises of more recent origin converted for that purpose. Muirlands Primary which was a single classroom school with unsanitary outside toilets has been replaced by a new hatted school including modern inside toilets, etc., and the old school has been converted

to a dining hall with a new scrvry, the children there having had previously dined at their desks.

Two classrooms in the old Jamestown Primary School have been made into one and new toilet and ablution facilities have been installed adjoining in order to provide a suite for nursery or pre-school classes.

At Elgin Street and Milngavie Primary Schools surplus accommodation has been used to provide more spacious quarters and additional toilets for the staff. An entirely new staff room with toilets has been built as an extension to Dalmuir Sccondary School.

At St. Stephen's Primary School, Dalmuir where the number of toilets was insufficient for the increased roll a temporary huttet suite for boys and girls has been provided to supplement the existing toilets.

In ten school kitchens the earthenware sinks and galvanised iron sterilising sinks have been replaced with integral stainless steel units at a cost of £4,005. Also in 16 schools sinks have been fitted in classrooms at a cost of £6,765.

The heating systems at 19 schools have been converted to fuels other than solid fuels which if not mandatory now will conform to smoke control orders in the future.

Mechanical ventilation has been provided in toilets in 27 schools where there was no intervening ventilated space between the toilet and an apartment used for office purposes.

Three high schools and 15 other schools have been painted inside and outside at a cost of £57,655.

In addition many other minor miscellaneous sanitary improvements have been carried out in order to maintain all schools in a satisfactory sanitary condition.

GENERAL REVIEW

Routine inspection was carried out on 7,774 children—

The number of children examined non-routinely, i.e., at clinics mainly, was 550.

SCHOOL DENTAL SERVICE

Report by SHEILA S. STEWART, Chief Dental Officer

Owing to staff shortage, due mainly to an insufficient number of dentists in general, we have been unable to carry out the number of routine school dental inspcctions which we would have liked to do.

Dunbartonshire's establishment should be 13 school dental officers and our average number in post during the year was 8·47.

Once a child has been made dentally fit, routine check-ups are necessary to keep that child's mouth in a healthy state.

Dental officers and their surgery assistants carried out a Dental Health Campaign which we hope helped to get this message across.

It is also of great help if each child has 'conversational' dental health talks with the dentist while attending clinics for treatment. This takes no extra time as the dentist can be working while this is going on. At the same time the child, we hope, comes to regard the dentist as a friend and any fears he may have had will be banished forever.

Over the next few years it is to be hoped that more will be done in the field of Preventive Dentistry and that gradually we shall have many more children with 'happy smiles' and healthy mouths.

SPEECH DEPARTMENT ANNUAL REPORT SESSION 1969-70

Report by Miss N. M. MAXWELL, Chief Therapist and in charge of the Departments of Speech Therapy and Speech Training

This has been a period of change and experiment in the approach to oral language ability and development of the personality. The new teachers have been pursuing, for the most part, experimental approaches. Our more experienced staff members have, in addition to class teaching, given valuable help to the post-therapy children, in close liaison with the Speech Therapist. The dual service continues to give rewarding results.

We have been fortunate in managing to give some speech therapy service to most of our centres and to continue in the schools formerly supplied. However in a good number of them the allocation of time has had to be reduced to a minimum. It is very difficult in these circumstances to keep waiting lists low. We have been dependent on the return of married speech therapists to the Service, so that more than half of the Staff is on part-time work.

Having lost three of our experienced members to promoted posts in Glasgow, at the end of last session, we were able to replace them with three of the newly qualified speech therapists, who had carried out much of

their training in our Centres. We are still very short in the Helensburgh and Balloch areas but we have been fortunate in obtaining the services of Mrs. Todd, an experienced speech therapist from England, to help in that area three sessions per week. This year we lose Mrs. Hill, who assisted in the Clydebank and Bearsden areas, three sessions per week. She resigns now for domestic reasons. We also say goodbye to Mrs. Nicholls, who assisted in the Kirkintilloch area five sessions per week. She is Australian and returns home in the Autumn. We wish them both well, and thank them for their good service. Following advertisements by Glasgow, Lanarkshire, and the hospitals, it is probable that we may lose at least one more of the existing staff.

The Council, having decided to offer another senior post, applications may be forthcoming. So far we have not received any. The County is wide-spread and people of experience are essential.

We have undertaken the clinical training of students from the Schools of Speech Therapy, Jordanhill, as formerly. This year 11 were placed with us, and we hope for the successful results we have had in the past.

The Senior Speech Therapist and I have attended the Hearing Assessment Committee meetings, Mrs. Wilson in the East of the County and myself for all other areas. These meetings have been most helpful in the planning of subsequent treatment, and a special study is being made of the best approach in speech therapy to relieve the difficulties of hard of hearing pre-school children, and children attending our ordinary schools. In addition we have been co-operating with the School for the Deaf, allocating two sessions per week.

In all cases of delayed speech development or defective speech, early referral is important for a successful outcome. The County's Medical Officers and general practitioners have been meticulous in early examination and referral for speech therapy, and we are indebted to the County Medical Officer for continued support and accommodation for our service in Medical Centres and Health Clinics, for pre-school, as well as school children. We are fortunate in having liaison with the Specialists attached to the County Medical Service, such as Otologists, Dental Officers, etc., and very valuable reports on home background of children suffering speech difficulty, are available from the Health Visitors. Consultation can also be had with the Honorary Consultant in Speech Therapy, Dr. McAllister.

Consultations with the psychologists and helpful reports are ever available on request. In May the Psychology Staff met with the Speech Therapists in Moss Cottage, at my invitation, and discussion of problems was entered into over coffee.

During the past session talks have been given by me to Organisers of Nursery School Groups, to play-groups, to the Dunbartonshire Infants'

Mistresses Association, to students in training for Speech Therapy at Jordanhill and to Speech and Drama students at the Scottish Academy.

In addition to servicing the Medical Centres and Health Clinics, the following schools have had visiting speech therapists: 11 Primary Schools, one full day per week, 29 Primary Schools one half day per week. Senior pupils and adults have been seen at the Regional Centres of Kilbowie and Townhead, and those for special investigation, at Moss Cottage. Certain of our Clinics, such as Bank Street, Alexandria, and Kilbowie Regional School Centre, Clydebank continue to be over-loaded. We have had some assistance at these places from the Speech Therapy students of whom we accepted, as previously noted, 11 in all.

Our policy on the Speech and Drama side, has been to try to progress in oral fluency and language ability, by continuity in the work. The teacher allocated to a Secondary School had at least two days visiting the primary schools which were to feed it. Speech is developmental, and it is the opinion of many experts in the field, that it is rather late to start this work in Secondary Schools, by which time there is the need to cope with emotional instability. Where we have managed to carry out this policy, with our experienced teachers, they have reported progress. As indicated at the beginning our more newly trained staff have been approaching the work somewhat differently, and it is too early to comment on its value or lasting effect.

The Speech Training Staff so much depleted last year owing to G.T.C. Regulations, will suffer further loss this coming session when others may have to go to Jordanhill for periods of training. There are no applications from newly qualified teachers to fill the places so far.

Despite the shortage, our School Children's Travelling Theatre has continued to take programmes to other schools, particularly in the outlying districts of the County, and to the handicapped and deaf children. Several visits were also made in the East of the County this year primarily between Kirkintilloch and Cumbernauld. The items have been prepared in Drama Groups taken by the specialist teacher or in class work with the co-operation of the class teacher and music teachers. They have presented plays, mimes and puppets with considerable success. Performances have also taken place within the schools. This stimulates a general interest in the spoken word, it helps to develop personality and confidence, and is apparently much enjoyed. The culmination of the work in presentation gives satisfaction. In Secondary Schools the material used is closely related to their English Studies. Ten Secondary Schools, 22 Primary Schools and two Special Schools were covered.

An assessment of oral ability was made for all Primary VII children who had a specialist teacher of Speech and Drama, and the results forwarded to the Heads of Secondary Schools to which these will go next session.

This information is intended to be helpful to the English Department and to the Specialist Teacher who may be continuing the work.

The combined staff has worked well, and, at its present strength, with considerable achievement and good effect.

**Session 1969-70
SPECIAL SCHOOLS AND CLASSES**

(a) SPECIAL SCHOOLS

Auchentoshan School, Clydebank

This school caters for mentally handicapped, physically handicapped, and myopic pupils. At the close of Session 1969-70 the numbers of pupils in attendance were: Mentally Handicapped, 176; Physically Handicapped, 17; Myopic, 4.

Auchentoshan Occupational Centre, Clydebank

There were 77 pupils on the roll of this centre.

Elmwood School, Dumbarton

There were 14 deaf or partially deaf pupils on the roll of this school.

Glencryan School, Cumbernauld

This school caters for mentally handicapped pupils in the Cumbernauld area. At the close of Session 1969-70 there were 55 pupils on the roll.

Cumbernauld Occupational Centre

There were 23 pupils on the roll of this centre.

(b) SPECIAL CLASSES

Lairdsland Primary School, Kirkintilloch

There were 58 mentally handicapped pupils in the special classes attached to this school.

MILK-IN-SCHOOLS SCHEME

The average number of pupils taking milk in primary schools during Session 1969-70 was 28,914 (approximately 91% of the roll).

ULTRA-VIOLET LIGHT TREATMENT

The following are details of the work done at Dumbarton, Clydebank, Kirkintilloch, Bearsden, Alexandria, Helensburgh, Croy, Milngavie and Goldenhill Clinics during the year.

Number of patients treated 14
 Total number of attendances 341

<i>Cause of Reference</i>		<i>No. of Patients</i>	<i>No. Improved</i>	<i>Condition Unchanged</i>
Bronchitis, etc.	..	2	2	—
Debility	..	1	1	—
Frequent Colds and Coughs	..	6	4	2
Bronchial Catarrh	..	1	1	—
Asthma	..	1	1	—
Others	..	3	2	1
		—	—	—
Totals	..	14	11	3
		—	—	—

TABLE I

Total number of children examined at:

						Systematic Examinations
(a) Primary Schools—						
Entrants (5 yrs. of age)	..	..	..	..	..	4512
Secondary Schools—						
Second Age Group (13 yrs. of age)	..	..	..	..	..	2835
Third Age Group (16 yrs. of age)	..	..	..	..	..	427
						<hr/>
	Total	..	..	..	..	7774
						<hr/>
(b) Other Examinations—						
Special cases	..	..	..	..	..	<hr/>
Re-inspection by Medical Officer	..	..	..	..	..	8
Eye tests (7 year olds)	..	..	..	..	..	<hr/>
'E' tests (entrants)	..	..	..	..	..	3733
						<hr/>
	Total	..	..	..	..	3741

TABLE II — DENTAL TREATMENT

	SCHOOL CHILDREN													Total
Age	5	6	7	8	9	10	11	12	13	14	15	16	17	Total
Routine Dental Inspection	2122	2492	2853	2756	2850	2688	1750	665	281	80	26	8	46	18617
With Dental Defects	1519	1889	1990	2111	2200	1936	1117	398	125	81	27	11	36	13440
Offered Treatment	1458	1530	1645	1808	1856	1632	993	378	125	81	27	11	36	11580
Accepting Treatment	906	1007	1479	1152	1075	1475	578	178	77	81	27	11	18	8064
Treated by S.D.O.*	1031	2096	1011	1792	1580	1881	931	637	524	598	214	101	127	12523
Made Dentally Fit	812	1570	875	1069	983	996	594	335	307	324	103	67	69	8104
Special and Emergency Cases First Visits only	292	332	294	369	418	393	289	271	243	366	121	51	48	3487

* Includes cases carried forward from previous year and children reporting to clinics on own initiative.

Table III
DETAILS OF TREATMENT

Type of Treatment	Routine 1	Emer. 2	Total 1 & 2
Fillings	Perm. Teeth 13292	—	13292
	Temp. Teeth 3689	—	3689
Extractions	Perm. Teeth 1557	862	2419
	Temp. Teeth 2908	701	3609
Administration of General Anaesthetic Routine + Ortho + Special	1426	196	1622
Other Operations	Perm. Teeth 4509	304	4813
	Temp. Teeth 1853	291	2144
Dentures	Partial 50	—	50
	Full —	—	—
Repairs to Dentures	2	—	2
Radiographs	122	—	122

Attendances for Treatment	School Children 5-17 years	R.	23401
		E.	3156

R. = Routine.

E. = Emergency.

TABLE IV
ORTHODONTIC TREATMENT

Number of cases from last year	60
New cases	232
Cases completed	84
Cases discontinued	52
Attendances	2608
Consultations with Consultant Orthodontist	—
Number of Diagnostic Examinations	232
Number of Diagnostic Examinations N.T.O.	42
Treated without Appliance	27
Removable Appliances Fitted	249
Treated Fixed Appliance	—
Number of Extractions Permanent	111
Number of Extractions Temporary	144
Repairs	42
Radiographs Intra-Oral	215
Radiographs Extra-Oral	—

TABLE V
AVERAGE HEIGHTS AND WEIGHTS IN INCHES AND POUNDS

Total Number Examined at all Ages	BOYS										Age 13					Age 16		
	Age 9					Age 13					Age 16					Age 16		
	No. Exam.	Avg. Age	Hgt. (In.)	Wght. (Lbs.)	No. Exam.	Avg. Age	Hgt. (In.)	Wght. (Lbs.)	No. Exam.	Avg. Age	Hgt. (In.)	Wght. (Lbs.)	No. Exam.	Avg. Age	Hgt. (In.)	Wght. (Lbs.)		
1969-70	...	2275	Y. M.	43.21	42.77	—	—	—	1458	—	60.59	98.81	253	Y. M.	16.7	66.00	129.00	
1968-69	...	2178	—	43.37	42.82	—	—	—	1491	—	60.52	99.17	209	16.8	66.75	133.00		
1967-68	...	1391	5 2	42.50	42.25	—	—	—	480	13 4	58.00	96.50	—	—	—	—		
1966-67	...	2031	5 5	43.50	43.00	—	—	—	1140	13 6	59.75	94.25	216	16 3	66.75	130.75		
1965-66	...	2015	5 4	43.50	43.00	—	—	—	1175	13 6	61.25	102.25	282	16 6	66.50	131.25		
1964-65	...	1928	5 7	44.25	44.75	—	—	—	1351	13 4	59.25	95.25	155	16 3	66.50	134.50		
1963-64	...	1695	5 8	43.50	43.50	—	—	—	1275	13 4	59.75	95.25	298	16 4	67.50	134.00		
1962-63	...	1609	5 6	43.50	43.25	—	—	—	1364	13 3	60.25	96.75	298	16 1	66.00	121.00		
1961-62	...	1578	5 6	43.50	43.25	1385	9 1	51.50	62.50	1281	13 4	59.75	95.75	185	16 3	66.50	127.75	
1960-61	...	1312	5 6	43.75	44.25	1263	9 5	52.25	63.0	1411	13 6	60.25	94.0	178	16 3	66.25	131.00	
County Average— Years 1950-51 to 1959-60	13217	5 6	43.6	43.6	12887	9 5	51.7	63.1	10289	13 4	58.5	93.3	1067	16 5	67.0	131.1		
County Average— Years 1940-41 to 1949-50	11647	5 5	42.8	43.2	10608	8 11	50.0	57.3	10134	13 4	58.9	88.0	1017	16 4	66.9	127.0		
County Average— Years 1930-31 to 1939-40	12495	5 6	44.6	41.8	11767	8 8	49.4	56.5	•7108	13 7	58.9	89.5	1163	16 4	65.6	124.1		
County Average— Years 1919-20 to 1929-30	13238	5 7	42.1	41.2	11863	8 7	48.3	54.3	—	—	—	—	697	16 1	64.3	118.8		

* Previous to the session 1930-31, the average of the Third Age Group was 12 years. The number of children examined at the average age of 13 years is, therefore, comparatively small.

TABLE VI
AVERAGE HEIGHTS AND WEIGHTS IN INCHES AND POUNDS—Continued

Total Number Examined at All Ages	GIRLS												
	Entrants			Age 9			Age 13			Age 16			
	No. Exam.	Avg. Age	Hgt. (In.)	Wgt. (Lbs.)	No. Exam.	Avg. Age	Hgt. (In.)	Wgt. (Lbs.)	No. Exam.	Avg. Age	Hgt. (In.)	Wgt. (Lbs.)	
1969-70	...	2237	Y. M. —	42.87 41.44	—	—	1377	Y. M. —	60.60 104.12	174	Y. M. —	63.00 123.00	
1968-69	...	2087	—	42.91 41.33	—	—	1436	—	60.67 104.06	287	16 9	63.00 119.25	
1967-68	...	1242	5 2	42.50 41.25	—	—	718	13 4	58.00 103.50	—	—	—	
1966-67	...	2014	5 4	43.00 41.75	—	—	1197	13 3	60.00 101.00	195	16 4	62.75 120.50	
1965-66	...	1910	5 4	43.00 42.00	—	—	1330	13 7	61.25 103.75	306	16 6	64.00 119.75	
1964-65	...	1765	5 7	43.50 43.25	—	—	1350	13 5	60.75 100.50	192	16 3	63.75 121.50	
1963-64	...	1608	5 7	43.25 42.50	—	—	1240	13 3	60.25 101.50	296	16 5	62.25 123.75	
1962-63	...	1505	5 6	43.25 42.25	—	—	1330	13 4	61.00 101.25	306	16 2	63.75 121.50	
1961-62	...	1501	5 6	43.25 42.0	1298	9 4	51.50 62.50	1224	13 5	60.50 102.50	191	16 2	63.50 124.25
1960-61	...	1320	5 6	43.25 41.50	1255	9 5	51.75 63.0	1513	13 3	59.50 97.50	165	16 2	62.75 119.75
<i>County Average—Years 1950-51 to 1959-60</i>		13354	5 6	44.4	42.1	12327	9 5	52.1	62.2	10556	13 4	60.3	97.3
<i>County Average—Years 1940-41 to 1949-50</i>		11249	5 2	42.4	41.9	10287	8 11	49.4	55.6	9957	13 4	59.3	93.5
<i>County Average—Years 1930-31 to 1939-40</i>		12132	5 7	42.3	40.5	11645	8 8	49.0	54.8	•7123	13 5	59.5	94.8
<i>County Average—Years 1919-20 to 1929-30</i>		13019	5 8	41.7	39.7	11582	8 8	48.2	52.3	—	—	—	774

* Previous to the session 1930-31, the average age of the Third Age Group was 12 years. The number of children examined at the average age of 13 years is, therefore, comparatively small.

Table VII
SCHOOL EYE CLINICS

Year 1969-70	Appointments Given	First Visits (This Year)	Attendances (Total)	Glasses Ordered	Sessions	
					Referred to Orthoptist	Doctor Optician
Dumbarton (includes Vale of Leven)	838	578	620	333	17	42 45
Helensburgh	314	169	203	99	12	22 22
Beardsden, Milngavie .. (Hillfoot Clinic)	290	84	254	47	7	18 21
Kirkintilloch	390	90	280	96	14	27 30
Clydebank	1142	749	806	284	55	89 103
Cumbernauld	460	148	346	81	15	35 35

TABLE VIII
RESULTS OF AUDIOMETRIC SURVEY
1969-1970

TABLE IX

SPEECH THERAPY AND SPEECH TRAINING

ANNUAL STATISTICS, SESSION 1969-70

Classification of Cases

	<i>Stuttering</i>	<i>Defective Articulation</i>	<i>Retarded Speech</i>	<i>Cleft Palate</i>	<i>Dysphonia</i>	<i>Aphasia/ Dysphasia</i>	<i>Dysarthria</i>	<i>Total</i>
List A	150	662	244	28	24	12	12	1,132
B	12	90	15	—	3	—	1	121
C	21	105	12	—	6	—	1	145
								1,398

Age Groups

	<i>—5 B. G.</i>	<i>5+ B. G.</i>	<i>6+ B. G.</i>	<i>7+ B. G.</i>	<i>8+ B. G.</i>	<i>9+ B. G.</i>	<i>10+ B. G.</i>	<i>11+ B. G.</i>	<i>12+ B. G.</i>	<i>13+ B. G.</i>	<i>14+ B. G.</i>	<i>15+ B. G.</i>
List A	81	33	182	72	176	56	109	48	68	28	76	22
B	8	9	22	7	25	8	13	3	6	3	4	5
C	21	11	26	7	12	8	11	6	18	2	12	3

Districts

		<i>List A</i>	<i>List B</i>	<i>List C</i>	<i>Total</i>
Dumbarton	..	160	—	—	160
Helensburgh	..	44	—	10	54
Vale of Leven	..	73	6	2	81
Old Kilpatrick	..	295	91	85	471
New Kilpatrick	..	572	97	97	766
Kirkintilloch	..	196	3	10	209
Cumbernauld	..	253	17	37	307
		1132	121	145	1398

List A

<i>Number of Cases continued next session</i> 617	<i>No. dismissed satisfactory</i> ..	<i>288</i>
	<i>Improved to limit</i> ..	<i>67</i>
	<i>No co-operation</i> ..	<i>55</i>
	<i>Left district</i> ..	<i>71</i>
	<i>Advice only (List C)</i> ..	<i>59</i>

Source of Reference

	<i>Schools and/or Psychologists</i>	<i>M.O.</i>	<i>Parents</i>	<i>*Others</i>	<i>Total</i>
List A ..	685	289	69	89	1132
B ..	98	19	—	4	121
C ..	100	21	5	19	145
Total ..	883	329	74	112	1398

*Others—Referred by Dental Offices, Hospital, Health Visitors and other Therapists.

Referrals by Therapist to M.O. or D.O.	96
Referrals by Therapist to Psychologist for I.Q./and/or advice	48
Number of Parent Interviews 1,186	Number A treatments 14,450
Audiometric Tests	493

Number of poor speakers referred to Speech Training Teacher	7
Number transferred after therapy to Speech Training Teacher	24

List A—Cases actually under treatment

List B—Cases on waiting list

List C—Advice and interview only

TABLE X—

Clinic	Result	Kyphosis			Lordosis			Kypho-Lordosis			Scoliosis			Chest		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Dumbarton ...	Treatment Completed ... On Treatment ... Unsatisfactory due to— (a) Non-attendance ... (b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vale of Leven at Dumbarton	Treatment Completed ... On Treatment ... Unsatisfactory due to— (a) Non-attendance ... (b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Helensburgh ...	Treatment Completed ... On Treatment ... Unsatisfactory due to— (a) Non-attendance ... (b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Goldenhill ...	Treatment Completed ... On Treatment ... Unsatisfactory due to— (a) Non-attendance ... (b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Old Kilpatrick	Treatment Completed ... On Treatment ... Unsatisfactory due to— (a) Non-attendance ... (b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Auchentoshan	Treatment Completed ... On Treatment ... Unsatisfactory due to— (a) Non-attendance ... (b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kirkintilloch ...	Treatment Completed ... On Treatment ... Unsatisfactory due to— (a) Non-attendance ... (b) Non-co-operative ...	—	2	1	—	3	—	—	—	—	—	—	—	—	—	—
Clydebank ...	Treatment Completed ... On Treatment ... Unsatisfactory due to— (a) Non-attendance ... (b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hillfoot ...	Treatment Completed ... On Treatment ... Unsatisfactory due to— (a) Non-attendance ... (b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Milngavie ...	Treatment Completed ... On Treatment ... Unsatisfactory due to— (a) Non-attendance ... (b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cumbernauld ...	Treatment Completed ... On Treatment ... Unsatisfactory due to— (a) Non-attendance ... (b) Non-co-operative ...	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—

NUMBER OF

Clydebank	200
Vale of Leven at Dumbarton	292
Kirkintilloch	379
Old Kilpatrick	—
Milngavie	60
Auchentoshan	110

Orthopaedic Treatment

TREATMENTS GIVEN

Helensburgh	..	..	..	672
Hillfoot ..	..	..	..	151
Cumbernauld	..	..	..	618
Goldenhill	..	..	..	249
Dumbarton	..	..	..	750

TABLE XI

SPEECH THERAPY—SUMMARY OF STATISTICS, 1969-70

CLINIC or SCHOOL	No. on Roll	Left	Discharged			Transferred		Admitted	No. on Roll
			Clear-ed	Non-Co-op.	Deferred	In	Out		
Aitkenbar	16	5	11	2	—	—	1	14	11
Abronhill Primary	8	3	4	—	—	—	—	12	13
Auchentoshan Occupational	7	1	1	—	—	—	—	3	8
Auchentoshan Special	18	2	7	2	—	—	—	13	20
Banks St. Clinic	14	2	13	5	—	—	1	29	22
Bearden Primary	8	—	Now included in Hillfoot	—	—	—	8	—	—
Carbrain Primary	1	1	1	—	—	—	—	10	15
Carbrain Temporary	—	—	12	—	—	—	—	14	2
Castelhill School	11	2	6	—	—	—	2	5	6
Central Health, Tuesdays	16	1	3	—	—	—	11	15	16
Central Health, Thursdays	8	—	3	1	—	—	7	34	31
Clober School	6	—	4	—	—	—	1	4	5
Croy	13	—	10	—	—	—	—	6	9
Cumbernauld Village	4	—	Now included in Kildrum Clinic	—	—	—	—	—	—
Dalmuir Primary	12	3	8	—	—	—	—	9	10
Dalreoch Moss Cott	11	3	4	—	—	—	—	8	12
East King Street	—	1	3	2	—	—	—	16	10
Edinbarnet	6	1	2	—	—	—	2	5	6
Elgin Street Whitecrook Clinic	8	1	4	3	—	—	1	4	5
Elmwood School (for Deaf)	—	—	—	—	—	—	—	5	5
Fairfley	7	1	6	—	—	—	—	5	5
Gavinburn	12	—	9	—	—	—	1	12	14
Goldenhill Clinic	23	1	6	2	—	—	18	11	7
Goldenhill School	10	1	9	—	—	—	—	9	9
Haldane School	15	1	5	1	—	—	—	4	12
Hartfield Clinic	10	1	2	2	—	—	2	9	12
Hermitage Clinic	47	—	3	Now included in East Hermitage Pri	—	—	44	—	—
Hermitage Primary	—	5	7	King St. and Hermitage Pri	—	—	—	28	15
Hillfoot Clinic	6	8	9	2	—	—	1	26	12
Hillhead Primary	15	1	12	1	—	—	2	12	11
Holy Family	8	—	5	—	—	—	—	10	13
Kilbowie School	21	3	16	3	—	—	3	19	15
Kildrum Medical Centre	26	3	18	1	—	—	2	17	19
Knoxland School	7	—	10	—	—	—	1	8	4
Lairdsland	10	1	9	—	—	—	1	8	8
Langlands	3	—	Now included in Central Health Centre	—	—	—	3	—	—
Linnvale School	11	1	14	—	—	—	—	12	8
Milngavie Clinic	7	1	1	—	—	—	3	4	6
Milngavie Primary	14	1	16	—	—	6	—	17	14
Milton	6	—	—	—	—	—	—	—	—
Moss Cottage	17	—	10	6	—	—	3	20	18
Muirfield	14	1	6	—	—	—	3	12	16
O.C. Abronhill	30	3	11	—	—	—	—	7	23
O.H. Redeemer	6	1	5	—	—	—	—	6	6
Oxgang Primary	7	1	9	1	—	—	—	26	22
St. Andrew's	—	—	2	—	—	—	—	8	6
St. Eunan's	2	—	—	—	—	—	—	7	9
St. Flannan's	10	2	4	—	—	—	—	15	19
St. Joseph's Faifley	12	—	7	—	—	—	—	4	9
St. Joseph's Milngavie	—	1	—	—	—	—	—	12	11
St. Kessog's	5	—	3	—	—	—	—	9	11
St. Mary's Ravenswood	6	—	Now included in Central Health Centre	—	—	—	—	—	—
St. Mary's Duntocher	—	3	5	—	—	—	—	15	7
St. Patrick's Primary	5	—	7	1	—	—	1	9	5
St. Peter's	8	—	6	—	—	—	4	13	11
St. Stephen's	6	—	Now included in Kilbowie	—	—	6	—	6	6
Sacred Heart	—	—	—	—	—	—	—	—	—
Seafar	13	3	12	—	—	—	—	7	5
Townhead, Tuesdays	—	—	2	—	—	—	—	13	11
Townhead, Fridays	21	1	9	1	—	—	7	12	18
Twechar	5	—	2	—	—	—	—	2	5
Westerton	—	—	3	—	—	—	—	8	5
Whitecrook	15	2	8	—	—	—	—	1	6
TOTAL	616	72	364	37	6	—	149	629	617
Hospitals									
Vale of Leven Hospital	6	—	3	—	—	—	—	14	17
Joint Hospital Dumbarton	1	—	1	—	—	—	—	6	6
Blawarthill	5	—	3	—	—	—	—	4	6
TOTAL	12	—	7	—	—	—	—	24	29

TABLE XII

ORTHOPTIC REPORT

		C'bank	K'tilloch	Dumbarton	Total
Total Attendances	.. ..	107	69	247	423
Patients referred since July 1969		46	30	147	223
Patients failed to attend		7	8	52	67
Patients referred before July 1969 still attending		—	—	—	—
Total Attending	.. ..	39	22	95	156
Number of patients on treatment		14	5	24	43
Number of patients on observa- tion:					
(a) before treatment		17	9	33	59
(b) after treatment		5	3	11	19
Treatment not required		2	2	2	6
Refused treatment		—	—	—	—
Referred for operation:					
(a) before treatment		—	2	7	9
(b) after treatment		1	1	18	20
		39	22	95	156
Discharged		4	1	6	11
Ceased to attend		3	—	13	16
Referred but not yet seen by Orthoptist		—	7	33	40

SYSTEMATIC EXAMINATIONS

The following tables are supplied by the Scottish Home and Health Department from information given to them by this Authority on the new record card introduced by the Government. With regard to these tables it should be noted that in some cases the results are expressed as a rate per 100,000 children examined and one therefore has to take this factor into consideration when interpreting the results given in view of the fact that the total average number on the roll of the county schools amounted only to 45,817.

NUMBER OF EXAMINATIONS

ENTRANTS				LEAVERS			
<i>Number Examined</i>		<i>Percentage with Defects</i>		<i>Number Examined</i>		<i>Percentage with Defects</i>	
<i>Boys</i> 2,275	<i>Girls</i> 2,237	<i>Boys</i> 57·67	<i>Girls</i> 54·58	<i>Boys</i> 1,458	<i>Girls</i> 1,377	<i>Boys</i> 46·09	<i>Girls</i> 42·99
36·952	34·974	56·32	<i>Scottish</i> 50·91	<i>Totals</i> 25,473	25,187	45·97	44·02

TABLE I
MEDICAL EXAMINATIONS BY EACH EDUCATION AUTHORITY

Local Authority	ENTRANTS						LEAVERS					
	No. of Examinations		No. with Defects		Percentage with Defects		No. of Examinations		No. with Defects		Percentage with Defects	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Aberdeen Burgh	1,340	1,271	794	704	59.25	55.39	1,377	1,171	698	594	50.69	50.73
Dundee	1,418	1,558	722	745	50.92	47.82	2,511	2,449	1,148	1,029	45.72	42.02
Edinburgh	3,359	3,052	2,041	1,736	60.76	56.88	960	919	357	356	37.19	38.74
Aberdeen County	1,171	1,097	627	509	53.54	46.40	638	565	227	217	35.58	38.41
Angus	800	746	397	371	49.63	49.73	354	339	213	175	60.17	51.62
Argyll	384	397	283	277	73.70	69.77	2,083	2,228	928	934	44.55	41.92
Ayr County	2,925	2,711	1,531	1,324	52.34	48.84	358	332	147	126	41.06	37.95
Banff	326	300	201	158	61.66	52.67	139	144	52	54	37.41	37.50
Berwick	154	156	65	51	42.21	32.69	60.87	43.62	91	87	52.75	49.43
Bute	92	94	56	41	31.42	35.37	220	204	62	81	28.18	39.71
Cairnness	296	294	93	104	30.06	23.68	300	289	96	110	32.00	38.06
Clackmannan	356	359	107	85	69.99	64.86	629	584	351	321	55.80	54.97
Dumfries County	683	663	478	430	1,458	1,377	672	592	46.09	42.99		
Dunbarton	2,275	2,237	1,312	1,221	57.67	54.58	461	371	239	180	51.84	48.52
East Lothian	482	458	294	253	61.00	55.24	659	648	277	265	42.03	40.90
Fife	2,712	2,590	1,460	1,258	53.83	48.57	1,121	1,199	673	512	60.04	42.70
Inverness County	770	745	553	470	71.82	63.09	153	161	33	74	21.57	45.96
Kincardine	205	223	133	116	64.88	52.02	4,382	4,201	2,055	2,055		
Kirkcudbright	118	101	98	75	83.05	74.26	98	121	23	23	29.76	30.67
Lanark	6,120	5,742	3,635	3,020	59.40	52.59	404	391	1,171	1,298	32.48	34.57
Midlothian	1,194	1,154	626	568	52.43	49.22	970	802	394	337	40.62	42.02
Moray and Nairn	530	534	221	186	41.70	34.83	56.88	53.96	142	130	35.15	33.25
Orkney	139	122	82	61	58.99	50.00	98	121	23	31	23.47	25.62
Peebles	107	94	51	40	47.66	42.55	84	75	25	23		
Perth and Kinross	1,094	933	490	327	44.79	35.05	822	810	2,383	2,621	1,160	1,130
Renfrew	3,631	3,343	2,051	1,658	56.49	49.60	417	426	183	195	43.88	45.77
Ross and Cromarty	545	530	310	286	60.00	52.77	252	262	120	122	47.62	46.56
Roxburgh	330	271	198	143	30.63	26.35	183	174	71	56	38.80	32.18
Selkirk	160	148	49	39	64.27	55.96	1,160	1,130	521	522	44.91	46.19
Stirling County	1,791	1,653	1,151	925	43.75	47.11	110	95	45	38	40.91	40.00
Sutherland	112	121	49	57	47.60	42.45	477	773	236	254	49.48	32.86
West Lothian	1,042	1,013	496	430	65.83	187	210	71	77			
Wigtown	231	199	152	131	10.77	32	32	12	5			
Zetland	60	65	6	7	11,709	11,086	56.32	50.91	25,473	25,187	37.50	17.24
Scotland (excluding Glasgow)	36,952	34,974	20,812	17,806							45.97	44.02

TABLE 2

NUMBERS AND RATES OF DEFECTS FOUND PER 100,000 CHILDREN EXAMINED

Defect	ENTRANTS				LEAVERS				
	BOYS		GIRLS		BOYS		GIRLS		
	Number	Rate	Number	Rate		Number	Rate	Number	Rate
01 Tuberculosis	—	—	1	45	—	—	—	—	—
02 Molluscum C.	1	44	—	—	—	—	—	—	—
03 Verruca	36	1,582	40	1,788	36	2,469	42	3,050	
04 Epidermophytosis	2	88	3	134	13	892	11	799	
05 Pediculosis	2	88	10	447	6	412	17	1,235	
06 Scabies	4	176	10	447	6	412	9	654	
07 Other Infections	3	132	3	134	—	—	1	73	
08 Neoplasms	9	396	10	447	6	412	3	218	
11 Diabetes	1	44	—	—	1	69	1	73	
12 Underweight	—	—	1	45	—	—	1	73	
13 Obesity	4	176	12	536	15	1,029	25	1,816	
14 Other Endocrine Nutritional Metabolic Disorder	3	132	2	89	1	69	1	73	
16 Anaemia and Other Blood Disorders	5	220	1	45	—	—	—	—	
18 Speech Disorder	104	4,571	60	2,682	13	892	—	—	
19 Enuresis, etc.	149	6,549	142	6,348	17	1,166	14	1,017	
20 Behaviour Disorder	38	1,670	41	1,833	15	1,029	14	1,017	
21 Borderline Mental Retardation	3	132	2	89	17	1,166	5	363	
22 Mild Mental Retardation	1	44	—	—	7	480	5	363	
27 Epilepsy	1	44	3	134	1	69	5	363	
28 Other Diseases of Nervous System	1	44	3	134	8	549	10	726	
29 Inflammatory Conditions of Eye	30	1,319	18	805	28	1,920	19	1,380	
30 Refractive Error	60	2,637	61	2,727	192	13,169	194	14,089	
31 Strabismus	69	3,033	84	3,755	33	2,263	28	2,033	
32 Colour Blindness	5	220	—	—	70	4,801	5	363	
36 Blindness One Eye not specified	1	44	1	45	4	274	—	—	
37 Other Eye Condition	—	—	2	89	2	137	—	—	
38 Inflammatory Condition of Ear	29	1,275	17	760	3	206	3	218	
41 Deaf Mutism	—	—	—	—	—	—	1	73	
44 Deafness One Ear	—	—	1	45	5	343	2	145	
45 Impairment of Hearing, One or Both Ears	38	1,670	12	536	11	754	9	654	
47 Varicosities	—	—	—	—	2	137	1	73	
48 Organic Disease of Heart and Blood Vessels	1	44	1	45	2	137	2	145	
49 Asthma	33	1,451	12	536	34	2,332	16	1,162	
50 Disease of Tonsils	233	10,242	236	10,550	33	2,263	50	3,631	
51 Hay Fever	225	9,890	171	7,644	71	4,870	26	1,888	
52 Dental Caries	487	21,407	535	23,916	125	8,573	111	8,061	
53 Other Diseases of Mouth	5	220	12	536	16	1,097	9	654	
54 Disease of Digestive System	1	44	2	89	1	69	—	—	
55 Hernia	10	440	9	402	1	69	—	—	
56 Kidney Disease	2	88	7	313	1	69	1	73	
57 Diseases of Male Genital Organs	3	132	—	—	—	—	—	—	
58 Diseases of Female Genital Organs	—	—	—	—	—	—	5	363	
59 Infection of Skin	13	571	11	492	1	69	3	218	
60 Eczema	23	1,011	30	1,341	7	480	5	363	
61 Acne	—	—	—	—	28	1,920	47	3,413	

NUMBERS AND RATES OF DEFECTS FOUND PER 100,000 CHILDREN EXAMINED

TABLE 3
NUMBERS AND RATES OF DEFECTS FOUND PER 100,000 CHILDREN EXAMINED BY SOCIAL CLASS

Defect		ENTRANTS					LEAVERS					Other or not Stated	Total		
		Social Class		5	Other or not Stated	Total	Social Class		4	5	Other or not Stated				
		1	2				1	2							
14 Other Endocrine Nutritional Metabolic Disorder	Rate Boys	—	—	—	—	3,125	441	—	—	—	—	—	—		
	Rate Girls	—	—	—	—	—	—	—	—	—	—	—	—		
	No. Boys	—	—	—	—	—	—	—	—	—	—	—	—		
	No. Girls	—	—	—	—	—	—	—	—	—	—	—	—		
18 Speech Disorder	Rate Boys	7,143	13,636	6,034	—	—	—	—	—	—	—	—	676		
	Rate Girls	—	—	5,738	6,667	—	—	8,696	5,310	—	—	—	—		
	No. Boys	1	3	—	—	—	—	—	—	—	—	—	—		
	No. Girls	—	—	7	7	—	—	—	—	—	—	—	—		
19 Enuresis, etc.	Rate Boys	7,143	4,545	6,897	9,091	4,762	6,250	6,608	—	—	—	—	1,351		
	Rate Girls	—	—	5,738	20,000	21,429	10,870	7,965	—	—	—	—	—		
	No. Boys	1	1	8	2	1	2	15	—	—	—	—	—		
	No. Girls	—	—	7	3	3	5	18	—	—	—	—	2		
20 Behaviour Disorder	Rate Boys	—	4,545	1,724	—	—	3,125	1,762	20,000	—	—	—	—		
	Rate Girls	—	—	2,459	6,667	—	2,174	2,212	—	—	—	—	3,571		
	No. Boys	—	1	2	—	—	1	4	1	—	—	—	763		
	No. Girls	—	—	3	1	—	—	1	5	—	—	—	—		
21 Borderline Mental Retardation	Rate Boys	—	—	—	—	—	—	—	—	—	—	—	—		
	Rate Girls	—	—	—	—	—	—	—	—	—	—	—	—		
	No. Boys	—	—	—	—	—	—	—	—	—	—	—	—		
	No. Girls	—	—	—	—	—	—	—	—	—	—	—	—		
22 Mild Mental Retardation	Rate Boys	—	—	—	—	—	—	—	—	—	—	—	—		
	Rate Girls	—	—	—	—	—	—	—	—	—	—	—	—		
	No. Boys	—	—	—	—	—	—	—	—	—	—	—	—		
	No. Girls	—	—	—	—	—	—	—	—	—	—	—	—		
23 Epilepsy	Rate Boys	—	—	—	—	—	—	—	—	—	—	—	—		
	Rate Girls	—	—	—	—	—	—	—	—	—	—	—	—		
	No. Boys	—	—	—	—	—	—	—	—	—	—	—	—		
	No. Girls	—	—	—	—	—	—	—	—	—	—	—	—		
24 Inflammatory Condition of Eye	Rate Boys	—	—	4,762	—	2,174	442	—	—	—	—	—	—		
	Rate Girls	—	—	—	—	1	—	2	—	—	—	—	—		
	No. Boys	—	—	—	—	—	—	—	—	—	—	—	2,290		
	No. Girls	—	—	—	—	—	—	—	—	—	—	—	5		
25 Refractive Error	Rate Boys	—	9,091	3,448	—	4,762	3,125	3,524	20,000	7,143	3,846	17,391	12,500		
	Rate Girls	—	—	820	6,667	—	—	885	—	23,077	14,286	6,250	13,333		
	No. Boys	—	2	4	—	—	1	8	1	2	4	2	13		
	No. Girls	—	—	1	1	—	—	2	—	3	8	1	18		

TABLE 3—Continued

Defect	ENTRANTS						LEAVERS					
	Social Class			Other or not Stated			Social Class			Other or not Stated		
	1	2	3	4	5	Total	1	2	3	4	5	Total
31 Strabismus	Rate Boys — No. Boys No. Girls	9,091 — — —	3,448 820 4 1	4,545 6,667 1 1	7,143 — — —	2,174 — — —	3,084 1,770 7 4	20,000 — — —	7,143 1 2 —	— — — —	6,250 — 1 —	4,167 10,714 1 3
32 Colour Blindness	Rate Boys No. Boys No. Girls	— — —	2 — —	4 1 —	1 — —	1 — —	— — —	— — —	— — —	— — —	— — —	3,378 3,053 5
36 Blindness not Specified	Rate Boys No. Boys No. Girls	— — —	862 — —	— — —	— — —	— — —	441 — —	— — —	— — —	— — —	— — —	4,730 — 7
37 Other Eye Condition	Rate Boys No. Boys No. Girls	— — —	— 1 —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
38 Inflammatory Condition of Ear	Rate Boys No. Boys No. Girls	— — —	820 — 1	— — —	— — —	2,174 — —	885 — —	— — —	— — —	— — —	— — —	6,667 — —
45 Impairment of Hearing One or Both Ears	Rate Boys No. Boys No. Girls	— — —	1,724 — 1	6,667 — —	— — —	— — —	— 881 442	— — —	— — —	— — —	— — —	— — —
48 Organic Disease of Heart or Blood Vessels	Rate Boys No. Boys No. Girls	— — —	— 2 —	— 1 —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
49 Asthma	Rate Boys No. Boys No. Girls	— — —	4,545 820 —	— 1 —	— — —	2,174 — —	885 — —	— — —	— — —	— — —	— — —	— — —
50 Disease of Tonsils	Rate Boys Rate Girls No. Boys No. Girls	7,143 5,882 1 —	9,091 12,931 2 1	4,545 33,333 15,625 13,656	14,286 4,348 10,177 5	15,625 4,348 10,177 31	3,571 — — —	1,923 — — —	1,923 — — —	12,500 6,250 — —	4,167 10,714 2 1	3,378 3,053 5 4

TABLE 3—Continued

SCHOOL HEALTH SERVICE

TABLE 4 NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY EDUCATION AUTHORITY AREA AND SCOTLAND YEAR 1969

Local Authority	ENTRANTS				LEAVERS				
	BOYS		GIRLS		BOYS		GIRLS		
	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)
Aberdeen Burgh	1,340	43.39	43.82	1,271	43.01	42.24	—	—	—
Dundee	1,418	42.79	42.34	1,558	42.41	41.04	1,377	60.83	104.34
Edinburgh	3,359	42.97	42.62	3,052	42.73	41.72	2,511	60.88	103.78
Aberdeen County	1,171	43.65	43.96	1,097	43.21	43.06	960	63.49	112.92
Angus	800	43.76	44.24	746	43.51	43.04	638	60.89	101.32
Argyll	384	44.44	44.63	397	44.01	44.26	354	61.45	99.01
Ayr County	2,925	43.53	43.73	2,711	43.15	42.41	2,083	60.97	100.43
Banff	326	43.15	43.32	300	42.76	42.21	358	60.65	99.80
Berwick	154	42.90	42.84	156	42.42	41.48	139	61.16	102.71
Bute	92	42.37	42.20	94	42.45	41.46	91	61.13	100.29
Caithness	296	43.54	43.97	294	43.24	42.52	220	61.47	102.88
Clackmannan	356	42.96	42.29	359	42.84	41.77	300	60.08	96.47
Dumfries County	683	44.00	43.47	663	43.72	42.42	629	60.71	98.36
Dunbarton	2,275	43.21	42.77	2,237	42.87	41.44	1,458	60.59	98.81
East Lothian	482	43.28	43.41	458	43.13	42.36	461	61.00	101.32
Fife	2,712	43.10	42.77	2,590	42.54	41.19	1,121	61.20	98.99
Inverness County	770	43.36	43.58	745	43.23	42.60	659	61.26	102.49
Kincardine	205	44.00	44.70	223	43.52	43.29	153	60.07	97.97
Kirkcudbright	118	44.19	44.77	101	43.41	43.06	—	—	—
Lanark	6,120	43.65	43.06	5,742	43.26	41.92	4,382	60.63	96.33
Midlothian	1,194	44.09	44.01	1,154	43.80	42.79	970	61.36	101.33
Moray and Nairn	530	43.07	43.10	534	42.68	41.69	404	61.30	100.38
Orkney	139	44.75	46.12	122	44.07	44.32	98	61.78	109.42
Peebles	107	44.08	43.57	94	43.81	43.86	84	61.71	101.79
Perth and Kinross	1,094	43.41	43.39	933	42.97	42.08	822	61.37	99.68
Renfrew	3,631	43.10	42.38	3,343	42.75	41.18	2,383	60.12	96.97
Ross and Cromarty	545	43.50	44.22	530	43.32	43.51	417	61.45	105.78
Roxburgh	330	42.76	41.70	271	42.13	40.23	252	60.92	96.96
Selkirk	160	42.97	41.94	148	42.26	40.14	183	60.57	96.42
Stirling County	1,791	43.88	44.52	1,653	43.69	43.52	1,160	61.23	101.19
Sutherland	112	43.26	44.01	121	43.16	42.50	110	60.63	100.63
West Lothian	1,042	42.74	42.09	1,013	42.57	41.06	477	60.44	98.86
Wigtown	231	43.94	43.74	199	43.50	42.15	187	60.94	95.73
Zetland	60	46.37	47.93	65	45.52	46.78	32	62.84	116.44
Scotland (excluding Glasgow)	36,952	43.39	43.19	34,974	43.04	42.00	25,473	60.94	99.52

TABLE 5

SCHOOL HEALTH SERVICE

TABLE 5
NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY SOCIAL CLASS—SCOTLAND (excluding Glasgow)

YEAR 1969

Social Class	ENTRANTS						LEAVERS					
	BOYS			GIRLS			BOYS			GIRLS		
	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)
1	178	43.84	44.13	178	43.69	43.27	71	61.83	100.85	81	61.57	102.47
2	407	43.96	43.90	369	43.60	43.21	305	61.63	101.88	281	61.78	110.06
3	1,880	43.39	43.09	1,773	43.11	42.02	1,192	60.78	98.86	1,181	60.93	104.15
4	573	43.22	43.23	539	42.98	41.98	461	60.86	99.50	467	60.55	104.44
5	374	42.86	42.45	397	42.46	40.74	318	60.12	95.22	297	60.12	102.15
Other or not stated	345	42.91	42.34	339	42.56	41.17	248	60.32	96.31	261	60.17	102.27
Total	3,757	43.35	43.12	3,595	43.05	41.98	2,595	60.80	98.70	2,568	60.80	104.37

TABLE 5

NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY SOCIAL CLASS—DUNBARTON

YEAR 1969

Social Class	ENTRANTS						LEAVERS					
	BOYS			GIRLS			BOYS			GIRLS		
	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)
1	14	43.50	42.64	12	44.50	44.33	5	61.80	109.80	3	58.67	84.00
2	22	43.36	43.09	17	43.35	42.65	28	60.96	96.54	13	61.31	106.08
3	116	43.08	42.33	122	42.94	41.58	52	60.12	99.87	56	60.20	101.84
4	22	42.59	42.14	15	42.87	40.73	23	59.17	90.13	16	60.31	97.25
5	21	42.57	42.81	14	41.00	37.93	16	58.13	87.31	15	60.67	103.60
Other or not stated	32	42.56	40.22	46	42.70	40.96	24	59.96	99.46	28	59.86	102.75
Total	227	42.96	42.15	226	42.88	41.40	148	59.95	96.64	131	60.27	101.69

SCHOOL HEALTH SERVICE
YEAR 1969
TABLE 6 NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY NUMBER IN FAMILY—SCOTLAND (excluding Glasgow)

No. in Family	ENTRANTS						LEAVERS					
	BOYS			GIRLS			BOYS			GIRLS		
	Number	Height (in.)	Weight (lbs.)	Number	Height (in.)	Weight (lbs.)	Number	Height (in.)	Weight (lbs.)	Number	Height (in.)	Weight (lbs.)
1	2,776	43.75	43.96	2,667	43.44	43.04	1,802	61.68	105.71	1,746	61.39	109.11
2	12,776	43.67	43.68	12,152	43.35	42.62	6,475	61.56	102.79	6,162	61.38	107.53
3	10,328	43.44	43.28	9,727	43.03	41.96	6,333	61.13	99.98	6,135	61.11	105.48
4	5,653	43.12	42.68	5,367	42.81	41.44	4,511	60.70	98.14	4,444	60.84	104.23
5	2,645	42.76	42.13	2,520	42.46	40.74	2,687	60.25	95.75	2,755	60.45	102.03
6	1,381	42.80	42.00	1,261	42.31	40.58	1,602	60.27	95.34	1,696	60.23	101.01
7	667	42.49	41.70	648	42.27	40.60	934	59.89	94.45	1,018	60.11	101.10
8	339	42.73	42.05	324	42.15	40.38	513	59.64	94.15	587	59.94	101.31
9	190	42.38	41.28	142	41.69	39.85	290	59.52	92.59	310	59.82	98.16
10	103	42.04	41.14	86	42.10	40.31	157	59.38	91.76	172	59.72	97.80
11	51	42.16	41.12	41	41.93	39.44	80	58.79	88.20	84	59.68	98.44
12	24	43.04	41.75	21	42.38	42.00	43	59.70	93.19	49	60.08	100.45
13	10	42.70	41.30	8	42.13	40.00	29	58.83	90.59	19	59.32	99.11
14	3	42.00	40.67	8	42.13	39.88	10	59.50	89.90	7	59.29	91.43
15	4	42.75	45.50	2	41.50	39.50	3	58.00	100.33	2	58.50	90.50
16	2	41.00	35.00	—	—	—	4	57.50	89.50	1	63.00	114.00
17	—	—	—	—	—	—	—	—	—	1	62.00	93.00

YEAR 1969

SCHOOL HEALTH SERVICE

TABLE 6
NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY NUMBER IN FAMILY—DUNBARTON

No. in Family	ENTRANTS				LEAVERS			
	BOYS		GIRLS		BOYS		GIRLS	
	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)
1	146	43·12	42·12	137	43·37	42·87	97	61·82
2	802	43·63	43·48	770	43·21	42·21	363	61·54
3	605	43·25	42·81	635	42·89	41·43	336	60·70
4	355	42·92	42·48	341	42·48	40·55	279	60·22
5	177	42·62	41·81	173	42·37	40·30	166	59·96
6	85	42·76	42·22	99	42·33	39·97	96	59·50
7	55	42·24	40·60	39	42·54	39·82	50	59·38
8	18	42·94	42·78	19	42·37	40·26	30	59·73
9	16	42·31	41·00	10	40·50	39·80	18	57·94
10	6	41·33	42·50	10	41·50	38·80	15	58·13
11	7	41·00	40·29	3	40·33	39·67	4	58·25
12	3	43·00	40·33	—	—	—	1	60·00
13	—	—	—	1	40·00	33·00	1	55·00
14	—	—	—	—	—	—	1	76·00
15	—	—	—	—	—	—	1	82·00
16	—	—	—	—	—	—	1	56·00
						—	—	85·00

